

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Hiroki MAEDA et al.

Serial No.:      Rule 53(b) Continuation      Prior  
                 of USSN 09/477,725      Group Art Unit: 1771  
                 Filed January 5, 2000

Filed:              November 17, 2003              Prior  
   Examiner: Hai Vo

For: INFORMATION RECORDING MEDIUM

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P. O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

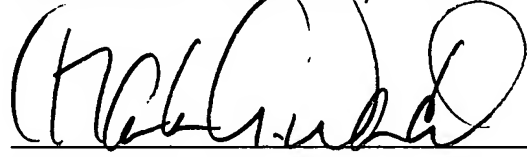
Pursuant to 37 C.F.R. §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached Form PTO-1449. Copies of each of the references listed on Form PTO-1449 can be found in parent application Serial No. 09/477,725, now allowed.

The above information is presented so that the Patent and Trademark Office may, in the first instance, determine any materiality thereof to the claimed invention. See 37 C.F.R. 1.104(a) and 1.106(b) concerning the PTO duty to consider and use

any such information. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that these references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

Respectfully submitted,

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November 17, 2003  
Date

CAW/ch

Attorney Docket No.: DAIN:540A

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(rev. 4/96)

FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)  
(Use several sheets if necessary)ATTY DOCKET NO.  
DAIN:540ASERIAL NO.  
Rule 1.53(b) Continuation of 09/477,725APPLICANT  
Hiroki MAEDA et al.FILING DATE  
November 17, 2003GROUP  
1771

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,780,383	10/25/88	Garrett et al.	430	11	02/27/85
	4,886,718	12/12/89	Eich et al.	430	20	02/03/87

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION NO YES
	0 651 381 A1	05/03/95	Europe			X
	0 669 548 A1	05/03/95	Europe			X
	10 312711	11/24/98	Japan			Abstract
	59 035989	02/27/84	Japan			Abstract
	GB 2 248 963 A	04/22/92	United Kingdom			X
	EP 0 763 532	3/1997	Europe			

## OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

Abstract of the article "Anomalous High Carrier Mobility in Smectic E Phase of a 2-phenylnaphthalene derivative", Applied Physics Letters, December 21, 1998, 73 (25) p. 3733-3735.

Abstract of the article "Fast Ambipolar Carrier Transport in Smectic Phases of Phenylnaphthalene Liquid Crystal", Applied Physics Letters, August 4, 1997, 71 (5) p. 602-604.

Abstract of the article "Relations of Isomorphism Between Liquid Crystalline Phases 21 Synthesis and Liquid Crystalline Properties of 4,4'-disubstituted Biphenyls", HJournal de Physique, Colloque (1975), (1) p 349-354.

EXAMINER

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*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,861,108	1/1999	Ishida et al.	252	299.62	
	5,980,779	11/1999	Hanna et al.	252	299.62	
	4,490,305	12/1984	Eidenschink et al.	252	465	
	5,429,770	7/1995	Closs et al.			
	5,677,063	10/1997	Kamiyama et al.			
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## OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)


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